Organization: Indiana Department of Transportation
Title: GIS Application Systems Analyst/Programmer
Location: Indianapolis, IN
Application Deadline: 2006-10-30

Job Description
Designs, implements, manages, maintains, and documents Geographical Information Systems using ArcGIS, ArcGIS Server, ArcSDE, ArcINFO, ArcIMS, Oracle, and other software.
Uses VB6, VBA, VB.NET, SQL, HTML, ASP JavaScript ArcXML, and other programming tools to develop and maintain software and project applications for GIS.
Programs specific applications and tools for use in entry of geographic information, data analysis, map production, and report production.
Develops new programs and enhances existing programs to meet the needs of various INDOT departments and agencies including the integration of GIS data in enterprise systems.
Performs high-level technical review of geographic information, GIS and 3rd party software to determine accuracy and usability.
Develop data capture routines for desktop, web and mobile GPS devices.
Documents applications as they are written and modifies existing documentation when needed.
Performs highly responsible technical work in systems design and implementation.
Supports operations of a multi department GIS enterprise.
Researches and analyzes new hardware and software products for INDOT GIS use.
Assists management in establishing long-range direction for GIS at INDOT.
Responds to and resolves customer is uses relating to the GIS.
Qualifications
Four (4) years (GIS) Geographic Information System professional experience or equivalent Bachelors Degree in Geographic Information Systems, Geography, Planning, Computer Science, Computer Programming related to GIS may substitute for years of professional experience. Must have good working knowledge of developing application\programming and must be able to perform spatial analysis for planning. Incumbent must also have the ability to develop and achieve personal and group goals and objectives through effective communication with other members of support staff and GIS users. This includes the ability to assess priorities of other departments. Position requires a good working knowledge of ESRI products. Knowledge of civil engineering cartography, surveying and understanding of (LRS) Liner Referencing System a plus.
Benefits
The State of Indiana offers a comprehensive benefit package which includes medical, dental, vision, life insurance, retirement plans and accrued leave.
Equal Employment Opportunity
The State of Indiana is an Equal Opportunity Employer.
To Apply
Online application and resume upload location at the Indiana State Jobs Portal:
http://www.in.gov/jobs/stateemployment/fe/apply.html
Position will be found under the Information Technology section of the Job Search. Position Reference number: **066620**